



18 AWG Clear Speaker Wire, 34/0.16TS Tinned Copper, 300 V, 100 ft Roll

- 18 AWG conductor with 34 strands of 0.16TS tinned copper
- 300 V rated with 2000 V AC per minute dielectric test
- Conductor resistance of 30 ohms per km at 20 degrees C
- Clear PVC insulation, 2.5 × 5 mm nominal overall dimension
- 80 degrees C rated temperature, RoHS compliant materials
- Supplied on a reel in 100 ft (30.5 m) rolls

OVERVIEW

An 18 AWG two-conductor speaker wire sold in 100 ft (30.5 m) rolls on a reel, intended for audio signal distribution in commercial and residential installations including home theaters and distributed audio systems.

Each conductor is built from 34 strands of 0.16TS tinned stranded copper with a conductor resistance of 30 Ω/km at 20 °C, giving a nominal overall jacket dimension of 2.5 × 5 mm. The clear PVC insulation carries a 300 V rating, an 80 °C rated temperature and a 2000 V AC/min dielectric withstand test, and allows discreet routing in finished spaces.

Insulation materials are RoHS compliant. Backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Product Dimensions 2.5 × 5 mm nominal OD,
100 ft (30.5 m) roll

Length 30.5 m
100.1 ft

Finish Clear

Material Tinned stranded copper
conductor, PVC insulation

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



RoHS Compliant

ELECTRICAL

Operating Voltage 300 V

Wire Gauge 18 AWG

ENVIRONMENTAL

Ambient Operating Temperature 80 °C
176 °F

APPLICATIONS

- Home theater speaker runs
- Distributed audio systems in offices and retail
- Conference and meeting room sound systems
- Surface-routed audio wiring in finished spaces

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	300 V	pdf	high
wire_gauge	18 AWG	pdf	high
product_dimensions	2.5 × 5 mm nominal OD, 100 ft (30.5 m) roll	pdf	high
length	30.5 m	pdf	high
finish	Clear	pdf	high
material	Tinned stranded copper conductor, PVC insulation	pdf	high
ambient_temp_c	80 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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